

Remarks/Arguments:

Rejection of Claim 13 Under 35 U.S.C. § 112, Second Paragraph

In the Office Action, at item 6, claim 13 is rejected under 35 U.S.C. § 112, second paragraph as being indefinite.

Claim 13 has been amended to overcome this rejection.

Reconsideration is respectfully requested.

Rejection of Claims 7-8 and 15-16 Under 35 U.S.C. § 102(b)

In the Office Action, at item 9, claims 7-8 and 15-16 are rejected under 35 U.S.C. § 102(b) as anticipated by Komuro (EP0930556, hereafter referred to as "Komuro").

Claims 7-8 and 15-16 were cancelled in the Article 19 Amendment. Accordingly, the rejection of these claims is now moot.

Rejection of Claims 1-5 and 9-13 Under 35 U.S.C. § 103(a)

In the Office Action, at item 12, claims 1-5 and 9-13 are rejected under 35 U.S.C. § 103(a) as unpatentable over Komuro in view of a Publication entitled "*Information technology - Generic coding of moving pictures and associated audio information: Systems*" (hereafter referred to as the "IEC reference").

Reconsideration is respectfully requested.

Claim 1

Claim 1 is directed to a revocation information transmission method used in a system including first and second contents transmitting devices for transmitting contents, and first and second contents receiving devices for receiving contents, and recites:

... individually uploading revocation information ... from the first and second contents transmitting devices or the first and second contents receiving devices in case of mutual authentication failure;

integrating the revocation information from the first contents transmitting device with the revocation information from the second contents transmitting device, as integrated revocation information ...

No new matter has been added by the claim amendments. Support can be found throughout the original specification and, for example, in the original specification at claims 1-2 and page 19, line 20 to page 22, line 21.

Revocation information from the first contents transmitting device and the second contents transmitting device are individually uploaded. Moreover, the revocation information from the first contents transmitting device is integrated with the revocation information from the second contents transmitting device (to generate integrated revocation information).

Komuro Reference

Komuro discloses a revocation list production section 111 of management center 110 that produces a revocation list in which device_IDs are listed to indicate illegal apparatuses. The revocation production section 111 of Komuro adds to the produced list a digital signature. The revocation list with the digital signature is transmitted to a data broadcasting reception apparatus 130 through a satellite 120. (See Komuro at paragraphs [0088] to [0089].) In Komuro, when this revocation list is transmitted, the data broadcasting reception apparatus 130 compares the device_IDs listed in the received revocation list with the device_IDs stored in a connected device_ID table (CDT). If the CDT includes a device_ID which coincides with one of the device_IDs listed in the revocation list, the data broadcasting reception apparatus 130 reports the device_ID to connected apparatuses. (See the Abstract of Komuro.) That is, Komuro discloses management center 110 that include the revocation list production section 111 which forwards a revocation list including digital signatures to the data broadcasting reception apparatus 130. Komura, however, is silent regarding "individually uploading revocation information ... from

the first and second contents transmitting devices" and, furthermore, "integrating the revocation information from the first contents transmitting device with the revocation information from the second contents transmitting device or the first and second contents receiving devices ...," as required by claim 1. This is because, Komuro merely teaches uploading a revocation list from a single source (i.e., the management center 110).

IEC Reference

The IEC reference does not overcome the deficiencies of Komuro. This is because, the IEC reference does not disclose or suggest the individually uploading feature of "individually uploading revocation information ... from the first and second contents transmitting devices or the first and second contents receiving devices ..." or the integrating feature of "integrating the revocation information from the first contents transmitting device with the revocation information from the second contents transmitting device ..." as required by claim 1. The portion of the IEC reference cited by the Examiner at Fig Intro 1 and pages X-XI discloses video data and audio data being combined into a single program stream or a single transport stream. Thus, the IEC reference does not disclose or suggest integrating the revocation information from a first source (i.e., a first contents transmitting device with the revocation information from a second source (i.e., the second contents transmitting device).

Accordingly, claim 1 is submitted to patentably distinguish over Komuro in view of the IEC reference for at least the above-mentioned reasons.

Claim 9

Claim 9, which includes similar but not identical features to those of claim 1, is submitted to patentably distinguish over Komuro in view of the IEC reference for at least similar reasons to those regarding claim 1.

Claims 2-5 and 10-13

Claims 2-5 and 10-13, which include all the limitations of claim 1 or claim 9, are submitted to patentably distinguish over Komuro in view of the IEC reference for at least the same reasons as claim 1 or claim 9.

Rejection of Claims 6 and 14 Under 35 U.S.C. § 103(a)

In the Office Action, at item 13, claims 6 and 14 are rejected under 35 U.S.C. § 103(a) as unpatentable over Komuro and the IEC reference in further view of Holden et al. (US 5,692,124, hereafter referred to as "Holden").

Reconsideration is respectfully requested.

Claims 6 and 14, which include all the limitations of claim 1 or claim 9, are submitted to patentably distinguish over Komura in view of IEC reference for at least the same reasons as claim 1 or claim 9.

The addition of Holden does not overcome the deficiencies of Komuro and the IEC reference. This is because, Holden does not disclose or suggest the individually uploading feature or the integrating feature of claim 1 and similar features recited in claim 9. Instead, Holden, which is used for multi-level security, does not contemplate in the portion cited by the Examiner at col. 18, lines 30-38 anything related to an integrated revocation information. Holden, at this portion, merely discloses the reception of IP datagrams that may include a receipt and certificate revocation list.

Accordingly, claims 6 and 14 are submitted to patentably distinguish over Komuro and the IEC reference in further view of Holden for at least the same reasons as claim 1 or claim 9.

New Claim 19

New claim 19, which includes all of the limitations of claim 1, is submitted to patentably distinguish over the cited art for at least the same reasons as claim 1.

Claim 19 includes additional patentable distinctions beyond those of claim 1, namely:

the first contents transmitting device includes a first digital interface for outputting a compressed/expanded digital signal to the first contents receiving device, and a second digital interface for executing the mutual authentication between the first contents transmitting device and the first contents receiving device, the method further comprising:

receiving the stream by the first contents transmitting device; and

selectively outputting, via a first digital interface of the first contents transmitting device, the compressed/expanded digital signal to the first contents receiving device responsive to the integrated revocation information received in the stream,

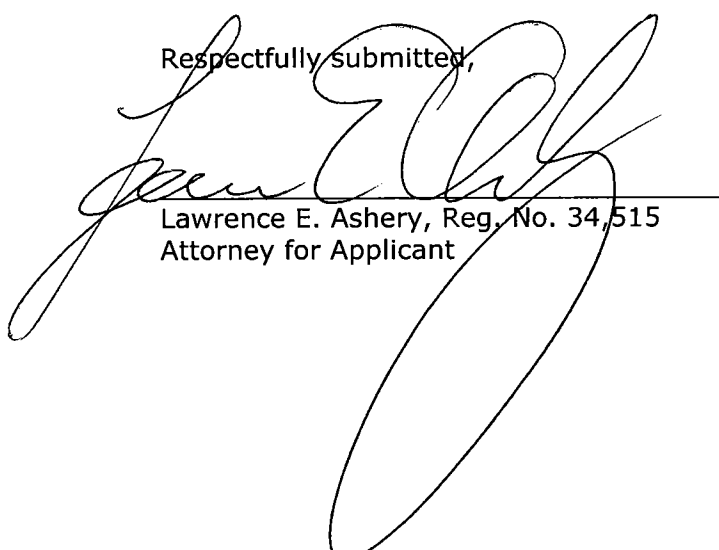
(emphasis added).

Entry and consideration is respectfully requested.

Conclusion

In view of the claim amendments, new claim and remarks, Applicant submits the Application is in condition for allowance, which action is respectfully requested.

Respectfully submitted,


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